



Deploying Federal Investments: A Department of Energy Overview

December 7, 2023

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2023 Local Government Conference



Revolutionizing the U.S. Energy Sector

- **The Backbone: Bipartisan Infrastructure Law**
 - (November 2021) Largest long-term investment in our nation's infrastructure in nearly a century
- **The Brain: CHIPS and Science Act**
 - (July 2022) Cutting-edge science and innovation investment to boost American competitiveness and bring jobs and supply chains home
- **The Lungs: Inflation Reduction Act**
 - (August 2022) Incentivizes deployment of clean technologies and lowers energy costs for American families
 - \$391 billion in spending on energy and climate change, including roughly \$35 billion clean energy investments managed by DOE



Inflation Reduction Act Delivers Historic Firsts

Largest climate and clean energy investment in American history.

- Delivers a historic focus on domestic job creation with strong incentives for prevailing wages and apprenticeships.
 - In 2021, there were 5,006 Alaskans employed in clean energy jobs and 12,300 in manufacturing jobs.
- Saves American families thousands of dollars in home and transportation energy costs.
 - In Alaska, hundreds of thousands of low- and middle-income consumers, historically underserved and overburdened communities, and energy communities are eligible for rebates.
- Expected to reduce greenhouse gas (GHG) pollution to ~40% below 2005 levels by 2030.



Where the Arctic Energy Office Comes In

- Facilitate partnerships, demonstrations, and deployments.
- Build community workforce and capacity to support energy transitions.
- Organize and disseminate information on DOE funding opportunities.
- Communicate value of Arctic energy projects to national priorities.
- Act as front door to DOE for external stakeholders and coordinate across DOE on all Arctic topics.



U/S Dr. Richmond speaks at the 2023 Arctic Encounter Symposium.



U/S Dr. Richmond tours a LNG-fueled vessel at Port of Alaska.



Arctic Energy Ambassadors Program

Develop regional, place-based, and collaborative energy leadership in Alaska.

Provide support, training, resources, and knowledge-sharing partnerships in alignment with the DOE Arctic Strategy and the clean energy transition.

Improve energy security and climate resilience across Alaska.

Funded by Arctic Energy Office, the Office of State and Community Energy Programs, and the Office of Energy Efficiency & Renewable Energy.



Examples of DOE Funded Work in Alaska



Sitka, Alaska, is a recipient of the [Energy Transitions Initiative Partnership Project](#), focused on addressing energy challenges in rural and remote and island communities. Sitka will analyze energy demand and match renewable energy opportunities to address forecasted demand.



The Cook Inlet Region, Inc, received \$500,000 through the [Grid Resilience State and Tribal Formula Grants](#) to reduce impacts to critical facilities from disruptive events, support workforce development, and address outdated grid infrastructure.



Galena, Alaska, received the [Energizing Rural Communities Prize](#) for \$100,000 and in-kind mentoring to facilitate a community energy planning process to establish a holistic approach to energy for the community.

See more at <https://www.energy.gov/arctic/alaska-funding-awards>

Spotlight: Grid Resiliency Innovation Program (GRIP)



- As part of the **Grid Resilience Innovation and Partnerships (GRIP) Program**, the Alaska Energy Authority will receive up to \$206.5M in federal funding to build out transmission and battery energy storage across the state and strengthen grid reliability.
- DOE's Grid Deployment Office (GDO) has also awarded funding to Alaska and tribal entities in Alaska through the **Grid Resilience State and Tribal Formula Grant Program**.
 - \$22.1M to the State of Alaska, which will be administered by the Alaska Energy Authority and support grid resilience and grid modernization investments.
 - \$3.4M in formula grants already awarded to 18 tribal entities in Alaska.

Tax Credits For Alaska Residents

The Department of Energy shares a wide variety of energy efficiency and clean energy tax credits at energy.gov/save

AK homeowners could consider starting with a home energy audit to get a room-by-room assessment of energy use and loss.

Residents may be eligible for a 30% tax credit (up to \$150) on this audit.



A screenshot of the ENERGY.GOV website. The top navigation bar is green with the ENERGY.GOV logo on the left and three menu items: SCIENCE & INNOVATION, ENERGY ECONOMY, and SECURITY & SAFETY. The main content area features a large heading: "Save Energy. Save Money. And Save the Planet Too." Below the heading is a paragraph of text: "Thanks to President Biden's Investing in America plan, it's easier than ever to take control of your energy costs, make your home safer and more comfortable, and help save the planet. No matter who you are or where you live, clean energy and energy efficient consumer choices are available now, and the Department of Energy is working to make them more affordable and accessible."

Home Electrification and Appliance Rebates for Tribes

The U.S. Department of Energy's (DOE) [Office of State and Community Energy Programs](#) (SCEP) has up to \$225 million for Tribal governments and Alaska Native entities for Home Electrification and Appliance Rebates. This program will provide up to \$14,000 per eligible household for energy efficiency and electrification home upgrades.



Home Electrification and Appliance Rebates Program for Indian Tribes (Sec. 50122): Allocations to Indian Tribes

Tribe	Tribal State (for coordination purposes)	Total Allocation
Absentee-Shawnee Tribe	OK	\$726,973
Acoma Pueblo	NM	\$340,857
Afognak	AK	\$100,688
Afognak Native Corporation	AK	\$84,442
Agdaagux Tribe of King Cove	AK	\$120,010
Agua Caliente Band of Cahuilla Indians	CA	\$176,416
AHTNA, Incorporated	AK	\$393,741
Ak-Chin Indian Community	AZ	\$246,729
Akhiok	AK	\$94,506
Akhiok-Kaguyak, Inc.	AK	\$84,442
Akiachak	AK	\$169,999
Akiachak Limited	AK	\$84,442
Akiak	AK	\$136,325
Akutan	AK	\$95,749
Alabama-Coushatta Tribe of Texas	TX	\$168,872
Alabama-Quassarte Tribal Town	OK	\$172,554
Alakanuk	AK	\$180,893
Alakanuk Native Corporation	AK	\$84,442
Alaska Peninsula Corporation	AK	\$84,442
Alatna	AK	\$94,506
Aleknagik	AK	\$102,708
Aleknagik Natives Limited	AK	\$84,442
Aleut Corporation	AK	\$372,027
Alexander Creek Inc.	AK	\$84,442
Algaaciq (St. Mary's)	AK	\$160,177
Allakaket	AK	\$130,090
Alturas Indian Rancheria	CA	\$150,000
Alutiiq (Old Harbor)	AK	\$109,555
Ambler	AK	\$126,273
Anaktuvuk Pass	AK	\$116,716
Anqoon	AK	\$105,955

Energy Efficiency and Conservation Block Grant (EECBG)

Eligible state, local, and Tribal governments **can now apply for \$430M** in funding from the Energy Efficiency and Conservation Block Grant (EECBG) Program!

Eligible entities can use flexible EECBG Program funding for projects and programs that



Cut Carbon Emissions



Improve Energy Efficiency



Reduce Energy Use



Local governments and Tribes can apply through **April 30, 2024**

DOE has released the voucher application portal where local governments and Tribes can apply for a technical assistance and/or equipment rebate voucher. The voucher option allows Local and Tribal governments eligible for EECBG Program formula funding to receive technical assistance and/or equipment rebates rather than traditional grants.

Check out resources at energy.gov/scep

There are over 2,700 States, territories, local governments, and Tribes eligible for EECBG Program funding. Local governments and Tribes can apply through April 30, 2024.

Alaska Native Regional Corporations (ANRC), and 182 Alaska Native Village Corporations, and Tribes are all eligible to apply.

Thank You!

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